

14 -01- 2000

P a t e n t c l a i m s

(amended 14 January 2000)

1. Arrangement in one or more communication networks,
5 wherein communication channels are established between two
or more parties connected to said communication
network(s), said arrangement comprising communication
services offering access to communication channels to
interconnected parties, wherein specific keys are used to
10 ensure that communication messages are sent to the parties
in question,
c h a r a c t e r i z e d i n that the arrangement
comprises a first control unit (CU1) which is connected to
an external system (E) adapted to contain or/and produce
15 data (D), and which is able to establish first
communication channels (S1) between two or more parties
(A, B) at first user terminals thereof, and comprises a
second control unit (CU2) which is connected to first said
control unit (CU1) and is adapted to establish second
20 communication channels (S2) between said two or more
parties (A, B) at second terminals thereof, and that said
first control unit (CU1) comprises monitoring means for
monitoring certain events, and also comprises correlation
key means for generating a correlation key (K) when one of
25 such monitored events occurs, said correlation key (K)
being sent on said first channels (S1) together with data
(D) from said external system (DE) and said correlation
key (K) also being sent via said second control unit (CU2)
together with appropriate signalling information, on said
30 second channel (S2), so that both party internal
communication is established between the terminals thereof
and also dual channel (S1, S2) communication between the
parties involved is established.
- 35 2. Arrangement as claimed in claim 1,
c h a r a c t e r i z e d i n that said first control
unit (CU1) communicate with an external system (E) which

in turn comprises event related data, which data can ¹⁴-01- 2000
either be called upon by the first control unit (CU1) or
be transferred thereto when certain events occur, so as to
initiate the creation of one or more groups of
5 communication channels (S1, S2), substantially on the
basis of external events.

3. Arrangement as claimed in claim 1 ~~or 2~~,
c h a r a c t e r i z e d i n that said events may
10 comprise a date, stock exchange thresholds, temperature
measurements, registration forms with parameters for
transfer of information, or similar events with
appropriate monitoring thereof.

4. Arrangement as claimed in ~~any of the claims 1-3~~,
c h a r a c t e r i z e d i n that examples of
15 services may comprise: voice communication services, etc.
and that examples of communication networks are: Public
Switched Telephone Network (PSTN), Public Land Mobile
20 Network (PLMN), Integrated Services Digial Network (ISDN),
as well as Internet, etc.

5. Arrangement as claimed in ~~any of the preceding~~
claims,
25 c h a r a c t e r i z e d i n that said control units
(CU1, CU2) are located within one or more of said
communication network(s).

6. Arrangement as claimed in ~~any of the preceding~~
30 claims,
c h a r a c t e r i z e d i n that said control units
(CU1, CU2) are interconnected by a communication path.

7. Arrangement as claimed in ~~any of the preceding~~
35 claims,
c h a r a c t e r i z e d i n that one of said
control units (CU1) is connected to said external system
(E) preferably by a communication path (D) through which

said one control unit (CU1) receives control information
to be used by said one control unit (CU1).

8. Arrangement as claimed in claim 7,
5 characterized in that said control
information (D) which is transferred from the external
system (E) to said one control unit (CU1) can also be used
by said second control unit (CU2) for establishing
sessions.

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9. Arrangement as claimed in claim 7 ~~or 8~~,
characterized in that the information
(D) transferred from said external system (E) to said two
control units (CU1, CU2) may be transferred respectively
15 therefrom to one or more parties involved in the channels
to be established.

10. Arrangement as claimed in claim 1,
characterized in that said correlation
20 key (K) is generated based upon the information contained
in the data (D) transferred from said external system (E),
for example based on:

- a) the telephone number of one of the parties (A),
- 25 b) further information contained in said control unit
(CU1),
- c) or both.

11. Arrangement as claimed in any of the preceding
30 claims,
characterized in that said first control
unit (CU1) is adapted to act as one of the parties in a
session (S1), or as the placing party, for example with
stored voice messages in a telephone call/session.

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12. Arrangement as claimed in any of the preceding
claims,

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characterized in that said first control unit (CU1) is adapted to transfer the relevant key (K) on to established communication channels (S1), and if said control means (CU1) acts as a party in a session then
5 further information, especially user information obtained from said external system (E) or contained in the control means (CU1) itself may be distributed therefrom on to one or more communication channels (S1).

10 13. Arrangement as claimed in any of the preceding claims,

characterized in that said first control unit (CU1) is adapted to transfer the relevant key (K) as well as additional control information to any further
15 control means (CU2), for thereby allowing said further control means (CU2) to establish one or more further communication channels (S2) based upon said key (K) or based upon information contained in said further control means (CU2).

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14. Arrangement as claimed in claim 17,

characterized in that said second control unit (CU2) is adapted to transfer the relevant key (K) on to established communication channels (S2).

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15. Arrangement as claimed in ~~any of the preceding~~ claims,

characterized in that if one party is involved in two or more of the established sessions, then
30 the key (K) received by said party may be used to correlate said particular session or sessions, provided said party has received said key (K) on all communication channels belonging to the associated group of communication channels or group of sessions.

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16. Arrangement as claimed in ~~any of the preceding~~ claims,

c h a r a c t e r i z e d i n that the external 14 -01- 2000.
system (E) handles the home page of a business, and is for
example a web server, and that the first control unit
(CU1) is located within the Internet.

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